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In the Claims:

Please amend the claims as indicated below.

1. (currently amended) A method of transferring information from a server system to a client system, said method comprising:  
    receiving, after transmission from said server system, at a simulator system disposed between said server system and said client system, network data that includes a portion having state information;  
    removing, at said simulator system, said portion from said network data;  
    appending, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and  
    transmitting said remaining portion of said network data from said simulator system to said client system.
2. (original) The method of claim 1 further comprising the step of parsing said remaining portion of said network data for said at least one address prior to said appending step.
3. (original) The method of claim 1 wherein said receiving step includes receiving a data stream that includes said network data.
4. (original) The method of claim 1 wherein said network data comprises a Web document.
5. (original) The method of claim 1 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

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6. (original) The method of claim 1 wherein said state information comprises a cookie name and a value.

7. (original) The method of claim 1 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

8. (original) The method of claim 1 wherein said remaining portion of said network data comprises a Web page.

9. (currently amended) A method of transferring information from a client system to a server system, said method comprising:

receiving, after transmission from said client system, at a simulator system disposed between said client system and said server system, a request including an address;

removing, at said simulator system, a portion from said address having state information;

formatting, at said simulator system, said state information; and

transmitting a remaining portion of said address and said formatted state information from said simulator system to said server system.

10. (original) The method of claim 9 further comprising the step of parsing said address for said state information prior to said removing step.

11. (original) The method of claim 9 wherein said receiving step includes receiving a data stream that includes said request.

12. (original) The method of claim 9 wherein said request comprises a Hypertext Protocol (HTTP) request..

13. (original) The method of claim 9 wherein said request comprises a request for a Web document.

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14. (original) The method of claim 9 wherein said state information includes a cookie name and a value.

15. (original) The method of claim 9 wherein said remaining portion of said address includes a Uniform Resource Locator (URL) of a Web page.

16. (original) The method of claim 9 wherein said formatted state information comprises a cookie.

17. (currently amended) An apparatus for transferring information from a server system to a client system, said apparatus being configured to:

receive, after transmission from said server system, at a simulator system disposed between said server system and said client system, network data that includes a portion having state information;

remove, at said simulator system, said portion from said network data;

append, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

transmit said remaining portion of said network data from said simulator system to said client system.

18. (original) The apparatus of claim 17 further configured to parse said remaining portion of said network data for said at least one address prior to appending said state information.

19. (original) The apparatus of claim 17 wherein said apparatus is a content switch and is further configured to receive a data stream that includes said network data.

20. (original) The apparatus of claim 17 wherein said network data comprises a Web document.

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21. (original) The apparatus of claim 17 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

22. (original) The apparatus of claim 17 wherein said state information comprises a cookie name and a value.

23. (original) The apparatus of claim 17 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

24. (original) The apparatus of claim 17 wherein said remaining portion of said network data comprises a Web page.

25. (currently amended) An apparatus for transferring information from a client system to a server system, said apparatus being configured to:

receive, at a simulator system disposed between said client system and said server system, after transmission from said client system, a request including an address;

remove, at said simulator system, a portion from said network address having state information;

format, at said simulator system, said state information; and

transmit a remaining portion of said address and said formatted state information from said simulator system to said server system.

26. (original) The apparatus of claim 25 further configured to parse said address for said state information prior to removing said portion from said address.

27. (original) The apparatus of claim 25 wherein said apparatus is a content switch and is further configured to receive a data stream that includes said request.

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28. (original) The apparatus of claim 25 wherein said request comprises a Hypertext Protocol (HTTP) request.

29. (original) The apparatus of claim 25 wherein said request comprises a request for a Web document.

30. (original) The apparatus of claim 25 wherein said state information includes a cookie name and a value.

31. (original) The apparatus of claim 25 wherein said remaining portion of said address includes a Uniform Resource Locator (URL) of a Web page.

32. (original) The apparatus of claim 25 wherein said formatted state information comprises a cookie.

33. (currently amended) An apparatus for transferring information from a server system to a client system, said apparatus comprising:

means for receiving, at a simulator system disposed between said server system and said client system, after transmission from said server system, network data that includes a portion having state information;

means for removing, at said simulator system, said portion from said network data;

means for appending, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

means for transmitting said remaining portion of said network data from said simulator system to said client system.

34. (currently amended) An apparatus for transferring information from a client system to a server system, said apparatus comprising:

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means for receiving, at a simulator system disposed between said client system and said server system, after transmission from said client system, a request including an address;

means for removing, at said simulator system, a portion from said address having state information;

means for formatting, at said simulator system said state information; and

means for transmitting a remaining portion of said address and said formatted state information from said simulator system to said server system.

35. (currently amended) A computer readable medium, comprising:

instructions for transferring information from a server system to a client system, said instructions comprising:

instructions for receiving, at a simulator system disposed between said server system and said client system, after transmission from said server system, network data that includes a portion having state information;

instructions for removing, at said simulator system, said portion from said network data;

instructions for appending, at said simulator system, said state information to at least one address corresponding to a link located in a remaining portion of said network data; and

instructions for transmitting said remaining portion of said network data from said simulator system to said client system.

36. (original) The medium of claim 35 further comprising instructions for parsing said remaining portion of said network data for said at least one address prior to appending said state information.

37. (original) The medium of claim 35 wherein said instructions for receiving includes instructions for receiving a data stream that includes said network data.

38. (original) .The medium of claim 35 wherein said network data comprises a Web document.

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39. (original) The medium of claim 35 wherein said portion of said network data comprises a Hypertext Protocol (HTTP) header that includes a request to store a cookie.

40. (original) The medium of claim 35 wherein said state information comprises a cookie name and a value.

41. (original) The medium of claim 35 wherein said link comprises a hyperlink to a Web page and said at least one address comprises a Uniform Resource Locator (URL) of said Web page.

42. (original) The medium of claim 35 wherein said remaining portion of said network data comprises a Web page.

43. (currently amended) A computer readable medium comprising:

instructions for transferring information from a client system to a server system, said instructions comprising:

instructions for receiving, at a simulator system disposed between said client system and said server system, after transmission from said client system, a request including an address;

instructions for removing, at said simulator system, a portion from said address having state information;

instructions for formatting, at said simulator system, said state information; and

instructions for transmitting a remaining portion of said address and said formatted state information from said simulator system to said server system.

44. (original) The medium of claim 43 further comprising instructions for parsing said address for said state information prior to removing said portion.

45. (original) The medium of claim 43 wherein said receiving step includes receiving a data stream that includes said request.

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46. (original) The medium of claim 43 wherein said request comprises a Hypertext Protocol (HTTP) request.

47. (original) The medium of claim 43 wherein said request comprises a request for a Web document.

48. (original) The medium of claim 43 wherein said state information includes a cookie name and a value.

49. (original) The medium of claim 43 wherein said remaining portion of said address includes a Uniform Resource Locator (URL) of a Web page.

50. (original) The medium of claim 43 wherein said formatted state information comprises a cookie.

51. (currently amended) A method of transferring information from a host server system to a client system, said method comprising:

receiving, at a simulator system disposed between said host server system and said client system, after transmission from said host server system, a Web document that includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

parsing, at said simulator system, said HTTP header of said Web document to locate said cookie;

removing, at said simulator system, said cookie from said Web document;

appending, at said simulator system, said cookie to at least one Uniform Resource Locator (URL) within a hyperlink to a Web page located within a further Web page of said Web document; and

transmitting said Web document from said simulator system to said client system.



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52. (currently amended) A method of transferring information from a client system to a host server system, said method comprising:

receiving, at a simulator system disposed between said client system and said host server system, after transmission from said client system, a request for a Web page document, said request including a Uniform Resource Locator (URL);

parsing, at said simulator system, said URL for cookie information;

removing, at said simulator system, said cookie information from said URL;

formatting, at said simulator system, a cookie from said cookie information; and

transmitting a remaining portion of said URL and said cookie from said simulator system to said host server system.

53. (currently amended) An apparatus for transferring information from a host server system to a client system, said apparatus being configured to:

receive, at a simulator system disposed between said host server system and said client system, after transmission from said host server system, a Web document document that includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

parse, at said simulator system, said HTTP header of said Web document to locate said cookie;

remove, at said simulator system, said cookie from said Web document;

append, at said simulator system, said cookie to at least one Uniform Resource Locator (URL) within a hyperlink to a Web page located within a further Web page of said Web document; and

transmit said Web document from said simulator system to said client system.

54. (currently amended) An apparatus for transferring information infomation from a client system to a host server system, said apparatus being configured to:

receive, at a simulator system disposed between said client system and said host server system, after transmission from said client system, a request for a Web page document, said request including a Uniform Resource Locator (URL);

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parse, at said simulator system, said URL for cookie information;  
remove, at said simulator system, said cookie information from said URL;  
format, at said simulator system, a cookie from said cookie information; and  
transmit a remaining portion of said URL and said cookie from said simulator system to  
said host server system.

55. (currently amended) A computer readable medium comprising:

instructions for transferring information from a host server system to a client system,  
comprising:

instructions for receiving, at a simulator system disposed between said host server system  
and said client system, after transmission from said host server system, a Web document that  
includes a Hypertext Protocol (HTTP) header that includes a request to store a cookie;

instructions for parsing, at said simulator system, said HTTP header of said Web  
document;

instructions for removing, at said simulator system, said cookie from said Web document;

instructions for appending, at said simulator system, said cookie to at least one Uniform  
Resource Locator (URL) within a hyperlink to a Web page located within a further Web page of  
said Web document; and

instructions for transmitting said Web document from said simulator system to said client  
system.

56. (currently amended) A computer readable medium comprising:

instructions for transferring information from a client system to a host server system,  
comprising:

instructions for receiving, at a simulator system disposed between said client system and  
said host server system, after transmission from said client system, a request for a Web page  
document, said request including a Uniform Resource Locator (URL);

instructions for parsing, at said simulator system, said URL for cookie information;